HP Z43 42.5-inch 4K UHD Display

Front

1. **Power LED**
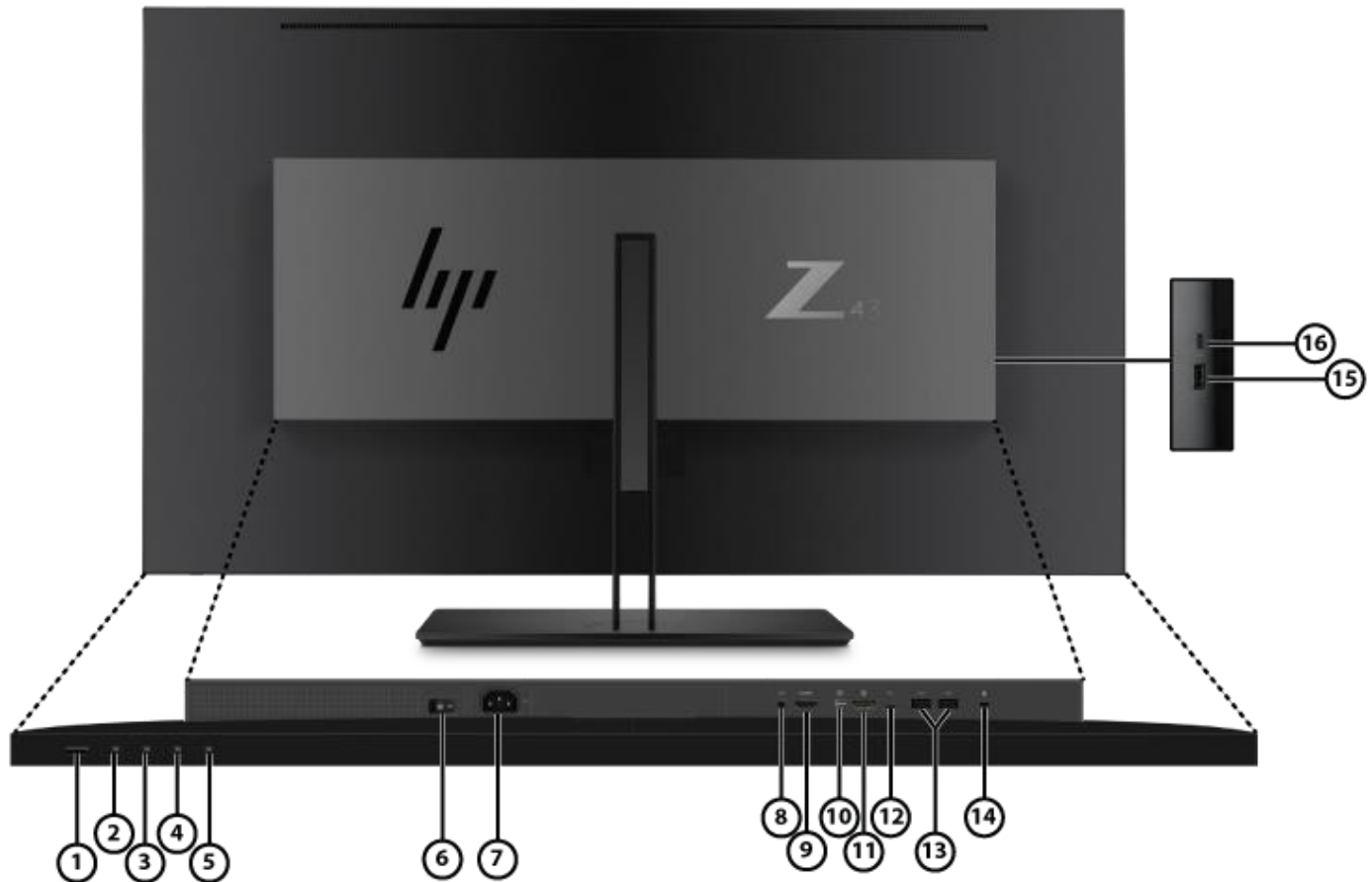
Technical Specifications

HP Z43 42.5-inch 4K UHD Display

Rear

1.	Power Button	**7.**	Power Connector Port	**13.**	USB 3.0 Type-A Ports
2.	OSD Button (Viewing Modes)	**8.**	Audio Line Out	**14.**	Security Lock Slot
3.	OSD Button (Next Active Input)	**9.**	HDMI 2.0	**15.**	USB 3.0 Type-A
4.	OSD Button (Information)	**10.**	Mini DisplayPort™ 1.2	**16.**	USB-C™ 3.1
5.	OSD Button (Menu)	**11.**	DisplayPort™ 1.2		
6.	Power Switch	**12.**	USB-C™ 3.1		

Technical Specifications

Models: 1AA85A4

Panel Specifications*	**Display Size (Diagonal)**	42.5-in
	Display Panel Type	IPS
	Native Resolution/Timing	3840×2160 @ 60 Hz
	NOTE: DisplayPort 1.2 or HDMI 2.0 required to drive panel at its native resolution	
	Panel Bit Depth	True 10-bit
	Aspect Ratio	16:9
	Brightness - Typical	350 cd/m²
	Static Contrast Ratio - Typical	1000:1
	Static Contrast Ratio - Minimum	700:1
	Dynamic Contrast Ratio (DCR)	5,000,000:1
	Pixel Pitch	0.2451 x 0.2451 mm
	Pixels Per Inch (PPI)	104
	Backlight Lamp Life (to half brightness - in hours)	30k minimum
	Anti-Glare Panel	Yes
	Response Time – Typical	5ms ("gray to gray")
	NOTE: Product default is 8ms response time and can be adjusted to as low as 5ms in the display menu.	
	Horizontal Viewing Angle (typical CR>10)	178°
	Vertical Viewing Angle (typical CR>10)	178°
	Panel Active Area (w x h)	941.184 x 529.416 mm (37.05 x 20.84 in)
	Preset Graphic Modes/Supported Resolutions	640 x 480@60Hz
		720 x 400@70Hz
		800 x 600@60Hz
		720 x 480@60HZ
		1280 x 720@60HZ
		1280 x 800@60HZ
		1280 x 1024@60HZ
		1600 x 900@60HZ
		1600 x 1200 @60HZ
		1680 x 1050@60HZ
		1920 x 1080@60HZ
		1920 x 1200@60HZ
		2560 x 1440@60HZ
		3840 x 2160@30HZ
	Maximum Resolution	3840×2160 @ 60 Hz
	Recommended Resolution	3840×2160 @ 60 Hz
	Vertical Scan Range	47-63Hz
	Horizontal Scan Range	121.8-140 kHz
	Maximum Pixel Clock Speed	78MHz
	Default Color Temperature	Standard (10000K)

*All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

Color Gamut Coverage	**NTSC**	72%
	sRGB	96%
Color Management	**Factory Color Calibrated**	Yes
	Factory Color Presets	Calibrated (D93),Neutral (D65)
	Default Color Temperature	D93
	Low Blue Light Modes	Yes

Technical Specifications

Monitor Specifications	**Exterior Color of Monitor Bezel and Stand**	Black Pearl
	Plug & Play	Yes
	Tilt	Yes, −5° to +10°
	Swivel	Yes, 20°(+/- 10°)
	Pivot	No
	Height Adjustment Range	No
	VESA Mounting	Yes, both 200 mm and 100 mm with included bracket
	Security Lock Ready	Yes
	Detachable Base	Yes, ships detached
	Warranty	3/3/0
	Zero Bright Dot Warranty	Yes
On Screen Display (OSD)	**On Screen Display User Controls**	Luminance Color Control Input Control Image Control PIP Control Power Control Menu Control Management Language Information
	User Programmable Modes	Yes, 20
	Monitor Control Buttons or Switches	Menu, Information, Next Active Input, viewing modes, Power
	User-Assignable Function Buttons	Yes, 3 (9 options)
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
Connector Types	**DisplayPort™**	(1) DisplayPort™ 1.2
	Mini-DisplayPort™	(1) Mini DisplayPort™ 1.2
	HDMI	(1) HDMI 2.0
	USB Type-C™	(1) USB 3.1, Gen1
	HDCP support	Yes HDCP 2.2, (DisplayPort and HDMI)
	Audio Output	(1) Analog
USB Port Specifications	**USB Version**	3.0
	USB Hub	Yes
	Downstream Ports	4 Ports
	Upstream Ports	1 Port
	Fast Charging USB Ports	3 Ports
	Power Output Maximum	7.5W 4.5W 7.5W 15W
USB-Type C™ Port Specifications	**USB-Type C™ Version**	USB 3.1 Gen1 / 5G bps
	USB-Type C™ Hub	Yes
	Upstream	Rear: 1 Port
	Downstream	Side: 1 Port
	Video Support	Rear: USB-C™ Alt mode – DisplayPort™ 1.2
	Power Output	5V/3A 9V/3A

Technical Specifications

	Power Output Maximum	10V/5A 12V/5A 15V/4.33A 20V/3.25A Rear: 65W Max Side: 15W Max
Special Features	**Picture-in-Picture, Picture-by-Picture**	Yes
Power & Operating Specs	**Power Supply**	Internal
	Power Source	90~265 Vac, 45~63 Hz
	Power Consumption - Maximum	205W
	Energy Saving/Standby Mode	0.5W
	Power Consumption - Typical	95W
	Power cable length	1.9 m
ENERGY STAR® Data	**Operational Mode at 230 VAC**	41.4W
EU Energy Efficiency Class (EC1062)	**On-mode Power Consumption (EC 1062/2010)**	71W
	Annual Power Consumption (EC 1062/2010)	104 kWh
	Energy Efficiency Class (EC 1062/2010)	B
	Visible Screen Size	42.5 in / 108 cm diagonal
Operating Conditions	**Operating Temperature - Celsius**	(5° – 35°C)
	Operating Temperature - Fahrenheit	(41° – 95°F)
	Non-operating Temperature - Celsius	−20° – 60°C
	Non-operating Temperature - Fahrenheit	29° – 140°F
	Operating Humidity	20 – 80% Relative Humidity (non-condensing)
	Non-operating Humidity	5 – 95%
	Operating Altitude	0 – 5,000 m (16,400 ft.)
	Non-operating Altitude	0 – 12.192 m (40,000 ft.)
Environmental Features and Certifications	**Mercury-free LED display backlights**	Yes
	Arsenic-Free Display Glass	Yes
	Low Halogen	Yes
	NOTE: External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.	
	Agency Approvals and Certifications	CE,CB,KC/KCC/PSB/ICE/TUV-S/ISO 9241-307/ EAC/UL/PSB/ISC/CCC/CEL/CECP/SEPA/Edge/ISC/VCCI/FCC/BSMI/WEEE
	Microsoft WHQL Certification	Win 10, Win 8, Win 8.1, Win 7
	China Energy Label	CEL Grade 1
	SmartWay Transport Partnership - NA only	Yes (NA SKU)
Contains Recycled Plastic	**Back Cover**	Yes
	Base/Stand	Yes
	Other Parts	Yes
	Recyclable Plastics	Yes
	Recyclable Packaging (Box, packing materials)	Yes, except EPS

QuickSpecs

Technical Specifications

		Metric	Imperial
Unit Product/Package Specifications	**Unpacked with stand** (highest setting) Product Dimensions (W x D x H)	**97,21 x 24 x 61,9 cm**	38.27 x 9.44 x 24.37 in
	Head Only Product Dimensions (W x D x H)	**97,21 x 12,28 x 56,59 cm**	38.27 x 4.83 x 22.28 in
	Base Area Footprint Product Dimensions (W x D x H)	**399,99 x 239,99 mm**	9.33 x 0.43 x 8.07 in
	Packaged Packaged Dimensions (W x D x H)	**112 x 70 x 36 cm**	44.09 x 27.56 x 14.17 in
	Plastic Bezel Measurements	**Top 14,42 mm** **Side 14,43 mm** **Bottom 20,02 mm**	Top 0.567 in Side 0.567 in Bottom 0.788 in
	Product Weight, Packed	**23,47 kg**	51.7 lb
	Product Weight, Unpacked	**16,95 kg**	37.38 lb
	Product Weight, Head Only	**12,45 kg**	27.45 lb

Pallet Information	**Pallet Dimensions (L x W x H mm)**	735 x 1150 x 120 mm
	Pallet Dimensions (L x W x H inch)	28.93 x 45.27 x 4.72 in
	Pallet Total Weight (including units) kg	156,32 kg
	Pallet Total Weight (including units) lbs	344.32 lbs
	Pallet Layers	3
	Pallet Product per Layer	2
	Total Products per Pallet	6
	Container Load, 20-Foot	96 units
	Container Load, 40-Foot	192 units
	Container Load, 40-Foot HighQ	192 units

What's in the box?	**Monitor**	HP Z43 42.5-inch 4K UHD Display
	Software included	HP Display Assistant USB-C-to-C cable (1.8m)
	VESA Mounting Bracket	Yes

		Metric	Imperial
Accessories Included	**AC Power Cord**	1,9 m	6.2 ft
	DisplayPort™ 1.2 Cable	1,8 m	5.9 ft
	USB-C™ to USB Type-A Cable	1,8 m	5.9 ft

Other	**User Guide Languages**	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.
	Warranty Languages	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.

Service and Warranty — Protected by HP, including a 3-year standard limited warranty. Optional HP Care Pack Services are extended service contracts that extend your protection beyond the standard warranties.[1]

Technical Specifications

1. Care Packs are optional. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. See http://www.hp.com/go/cpc for details.

Technical Specifications

Change Log	
V1 to V2	"Integrated Mount" removed from Monitor specifications and VESA mounting Bracket added to What´s in the box section
V2 to V3 October 12, 2018	Added USB-C-to-C cable (1.8m)